



IBPIO – 2012/13 Intersessional Report

Graeme Ball & Jean Rolland

DBCP-29

23-27 September 2013, Paris, France





Overview



Review & Plans



Networks



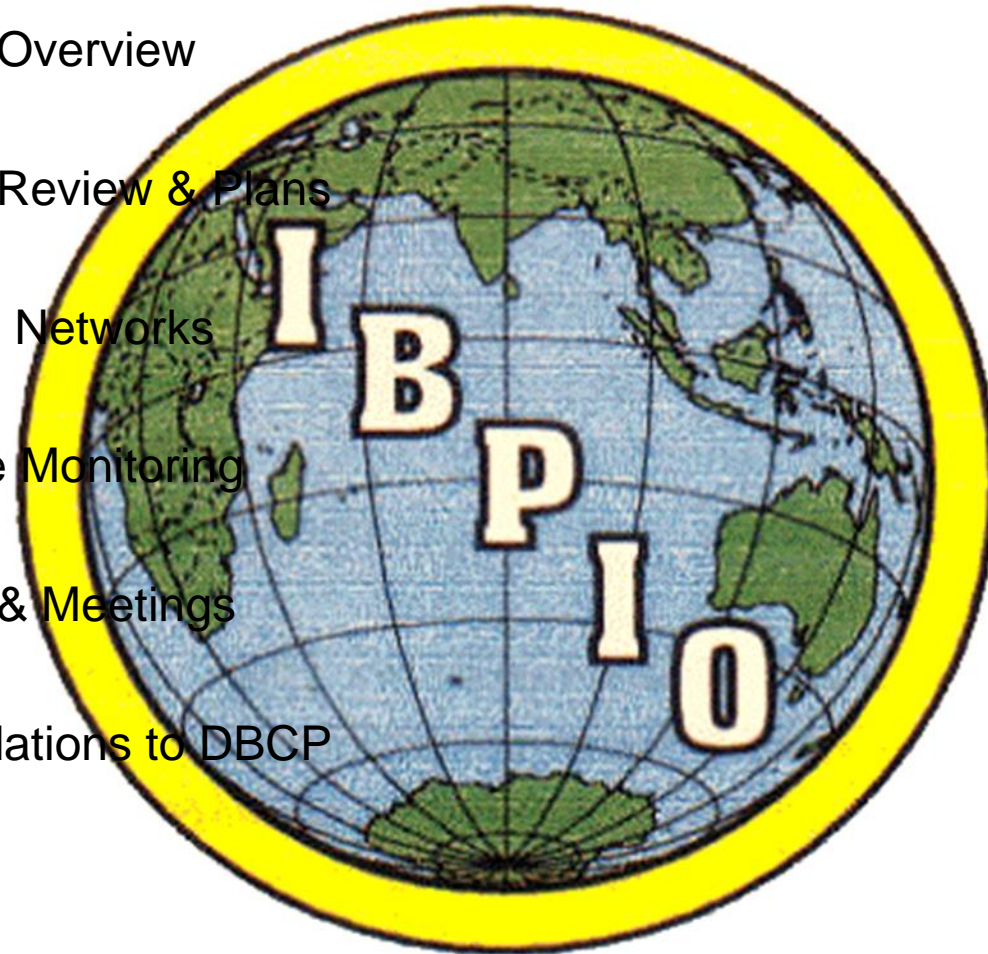
Monitoring



& Meetings



Contributions to DBCP

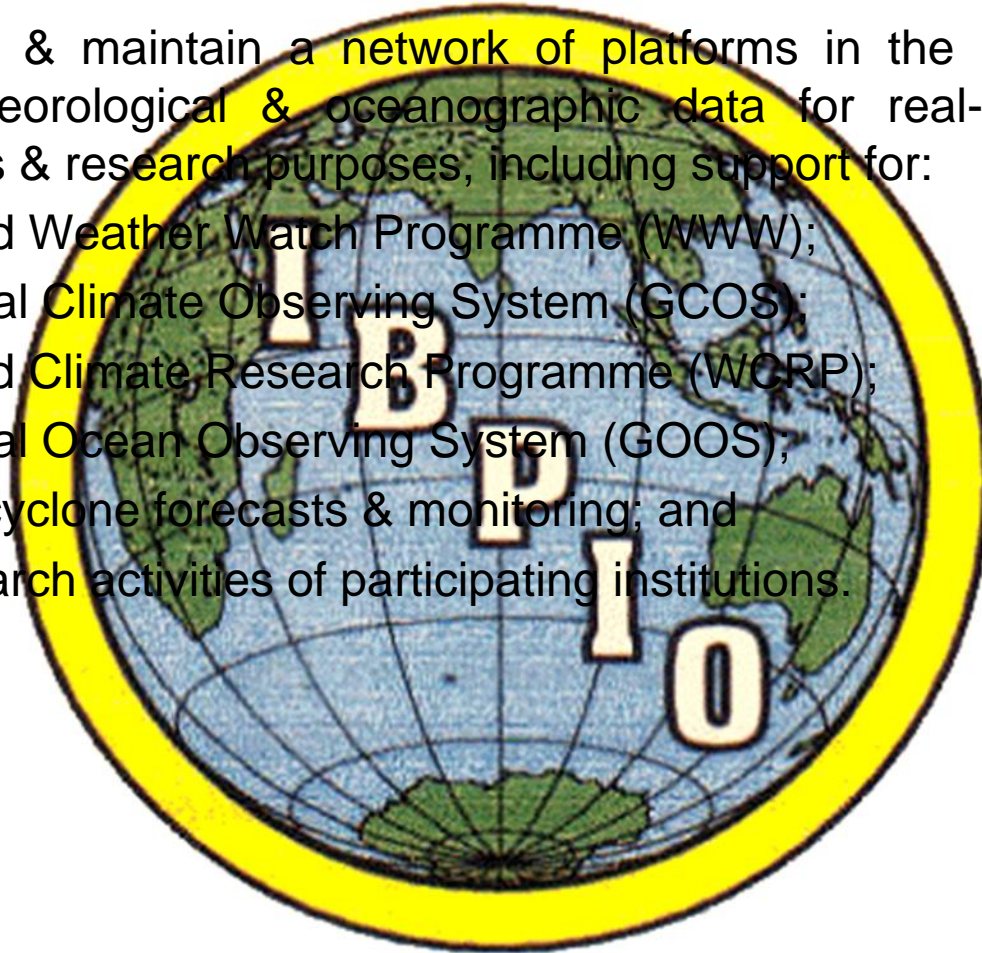




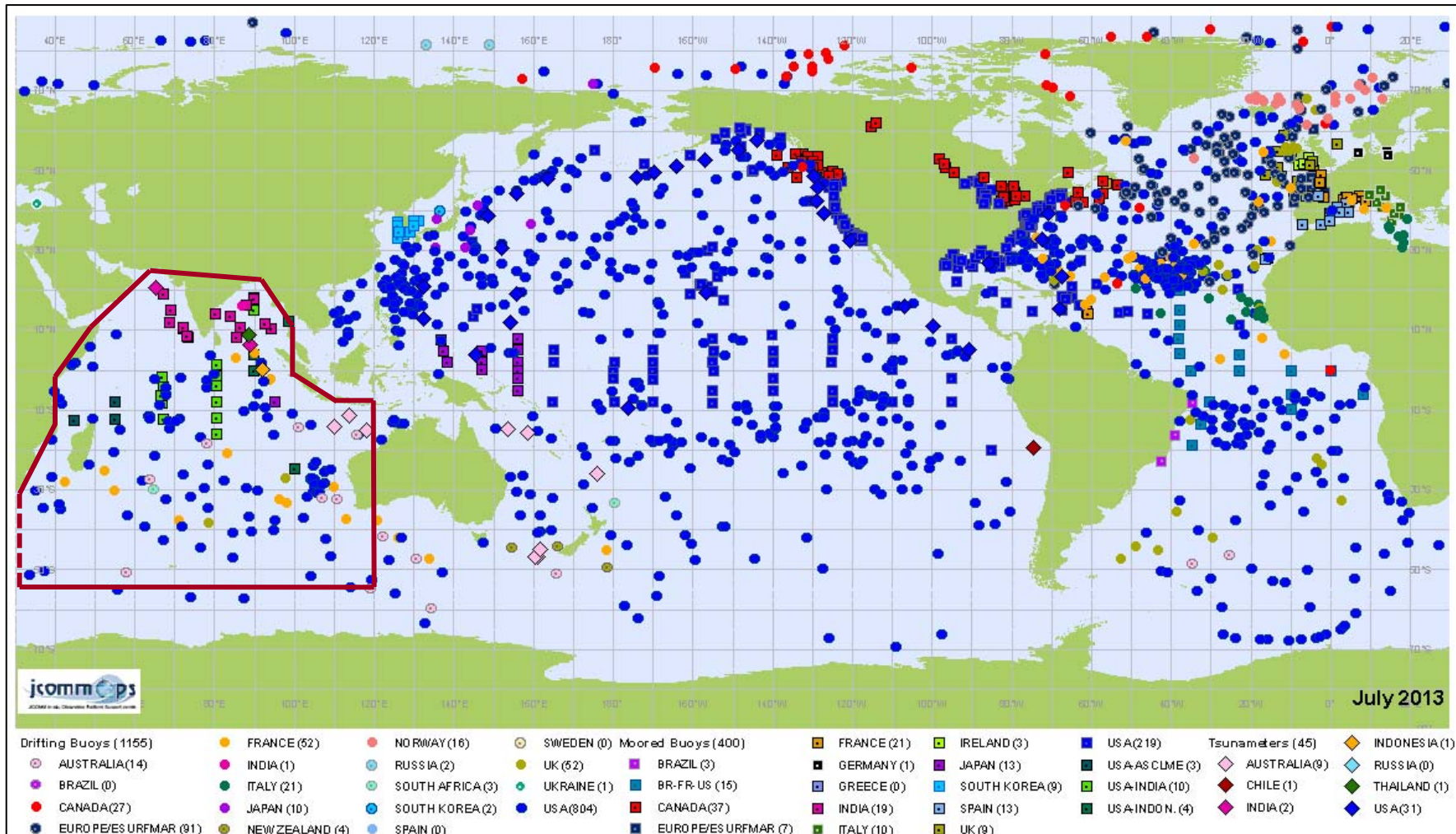


to establish & maintain a network of platforms in the Indian Ocean region to collect meteorological & oceanographic data for real-time monitoring, operational purposes & research purposes, including support for:

- World Weather Watch Programme (WWW);
- Global Climate Observing System (GCOS);
- World Climate Research Programme (WCRP);
- Global Ocean Observing System (GOOS);
- Cyclone forecasts & monitoring; and
- Research activities of participating institutions.

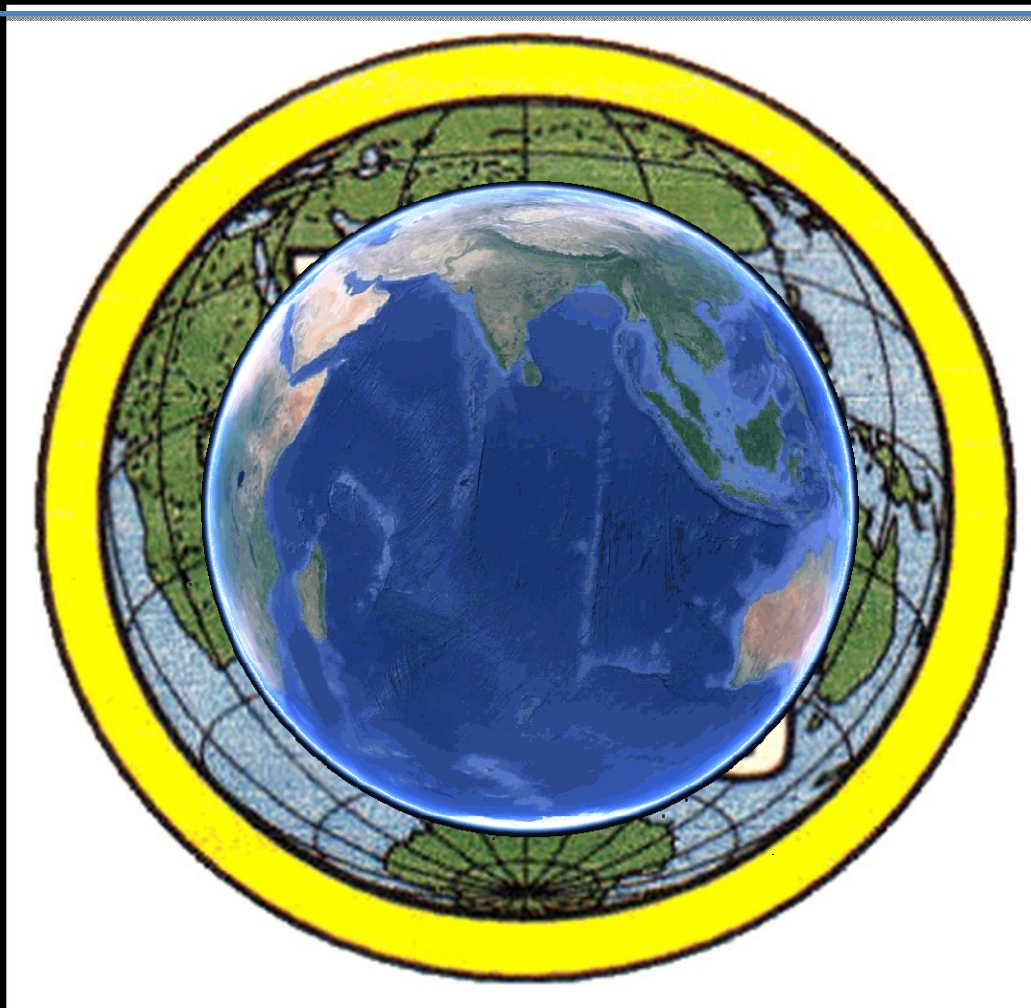


IBPIO Area of Interest



25 October 2013

2012/13 IBPIO Intersessional Report to DBCP-29



2012/13 Programme Review



IBPIO CONSOLIDATED BUOY DEPLOYMENT PLAN - 2012/13

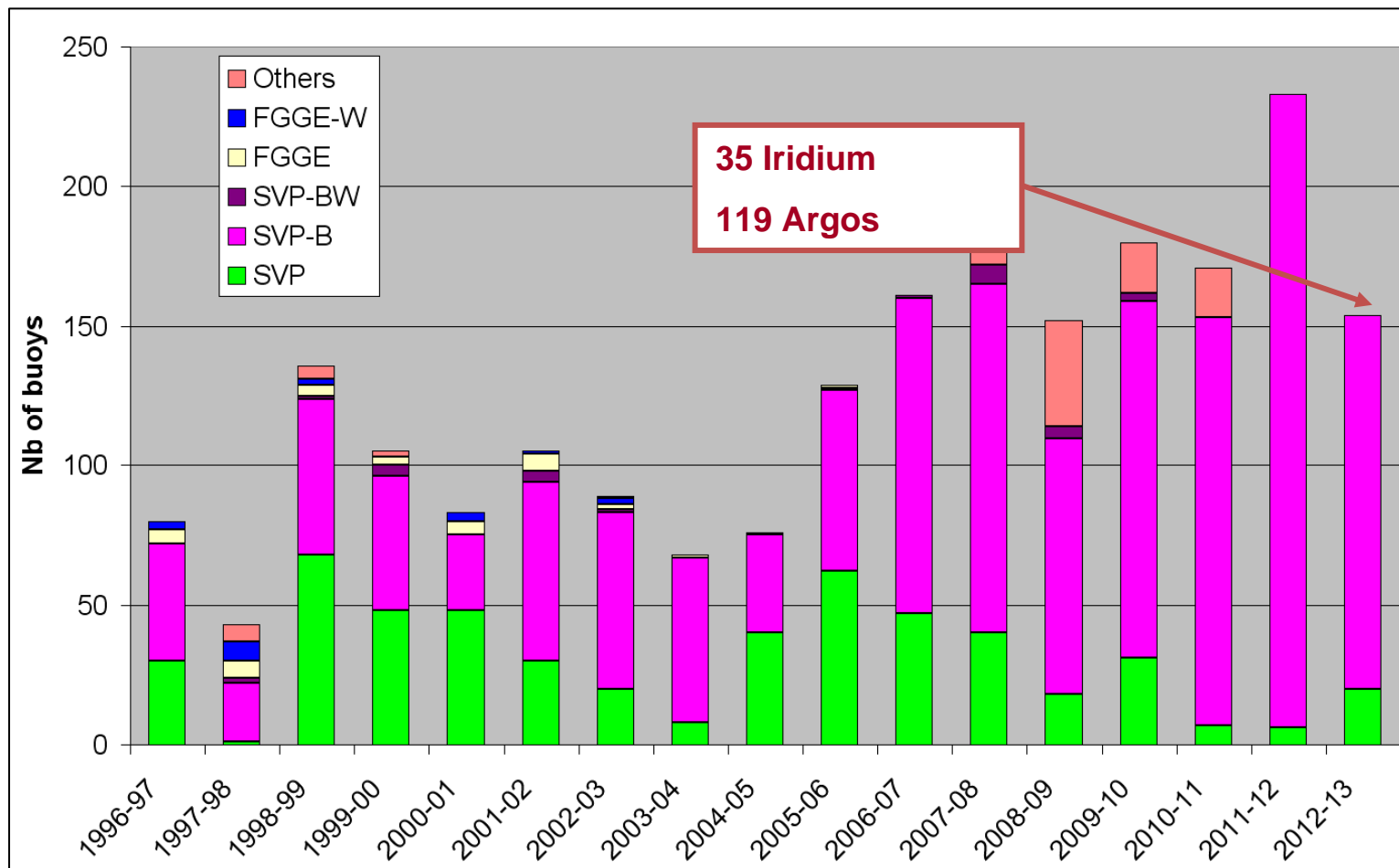
AGENCY	OWN PROGRAM					FOR GDP			TOTAL
	Moored	Other	SVP	SVP-B	SVP-BW	UPG	SVP	SVP-B	
GDC	0	0	0	60	0				60
ABOM	0	0	0	20	0	8	0	20	48
MF	0	0	0	0	0	40	0	0	40
NAVO	0	0	0	4	0	0	0	0	4
NIO	0	0	0	20	0	0	0	0	20
NIOT	16	0	0	0	0	0	0	0	16
SAWS	0	0	0	0	0	0	0	40	40
EMU	0	0	0	0	0	0	0	0	0
KMD	0	0	0	0	0	0	0	0	0
TIP	27	0	0	0	0	0	0	0	27
INCOIS	0	0	0	0	0	0	0	0	0
MMD	0	0	0	0	0	0	0	0	0
TOTAL	43	0	0	104	0	48	0	60	255

SUMMARY	
Moored	43
Other	0
SVP	0
SVP-B	212
SVP-BW	0

255

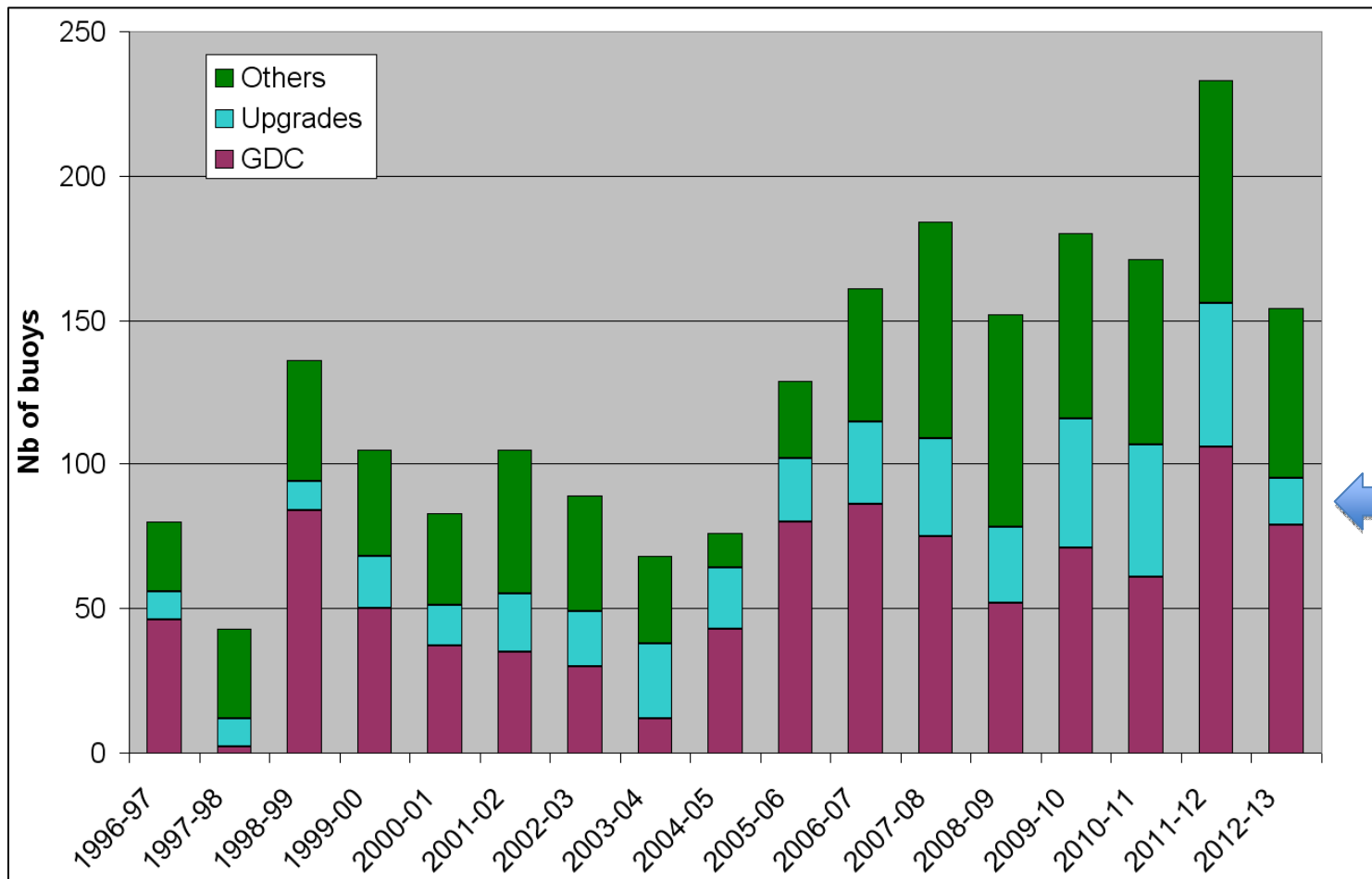


DB Deployments by Type



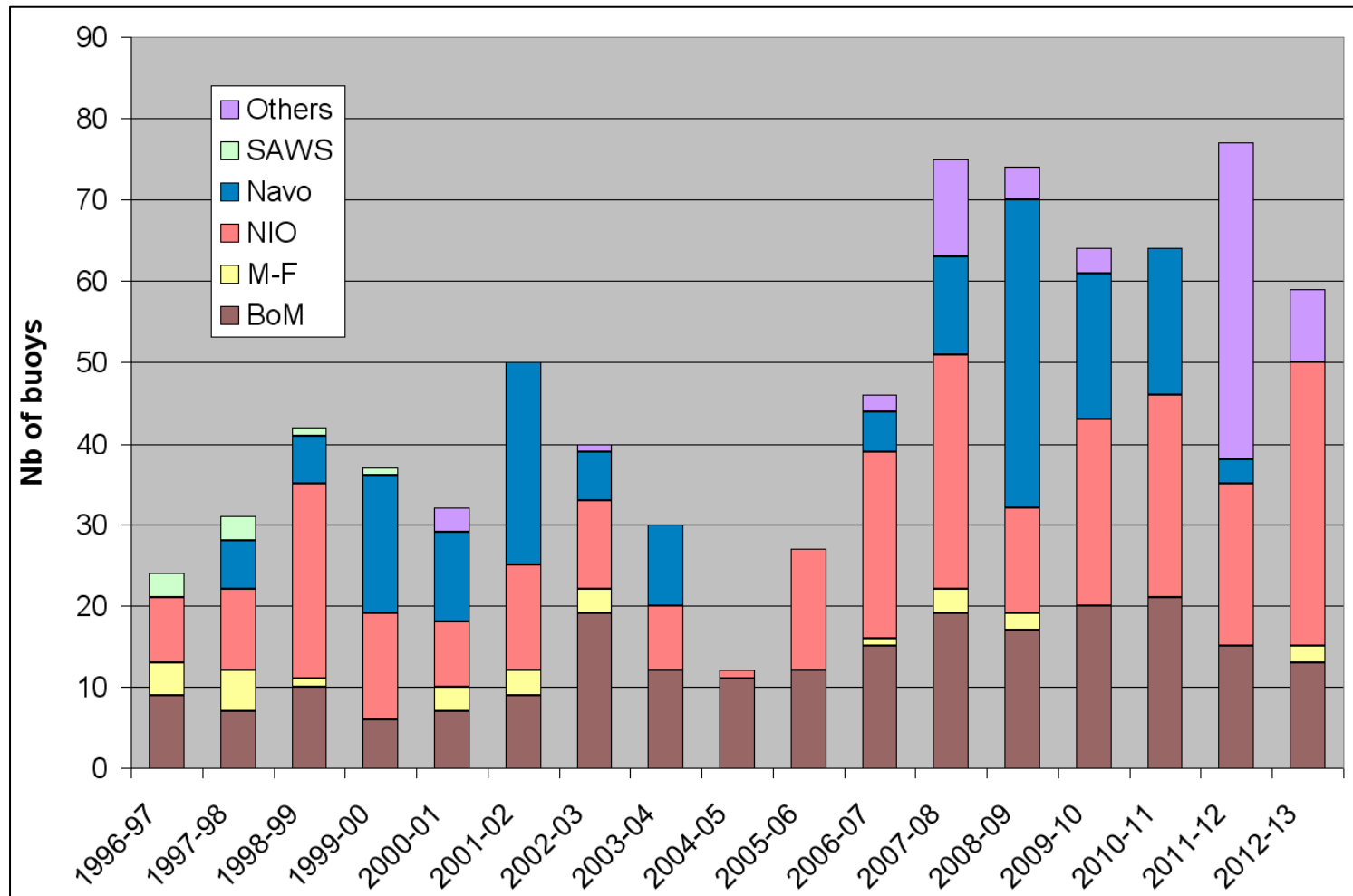


DB Contributions to IBPIO

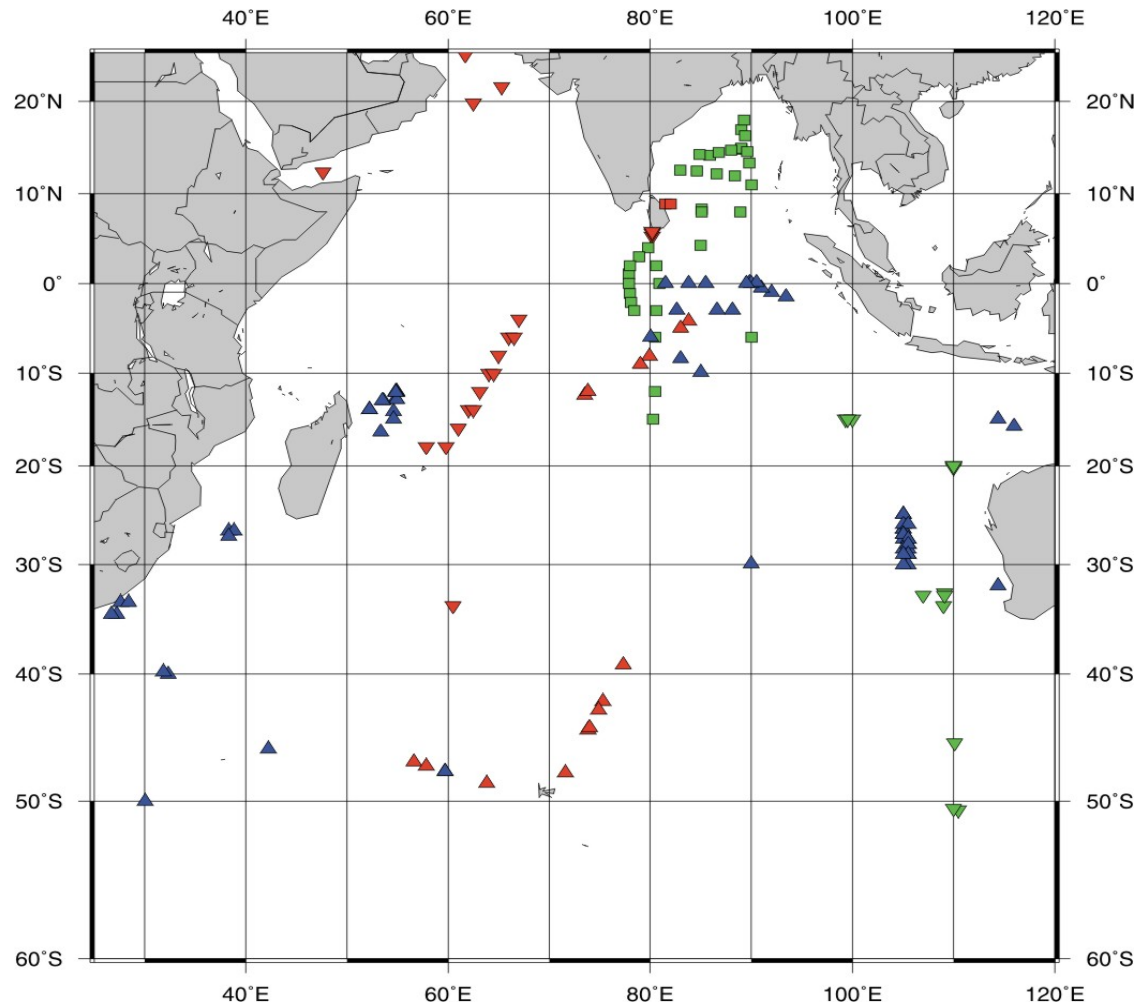




DB Contributions by Others



2012/13 DB Deployment Locations





2013/14 Programme Plans

IBPIO CONSOLIDATED BUOY DEPLOYMENT PLAN - 2013/2014

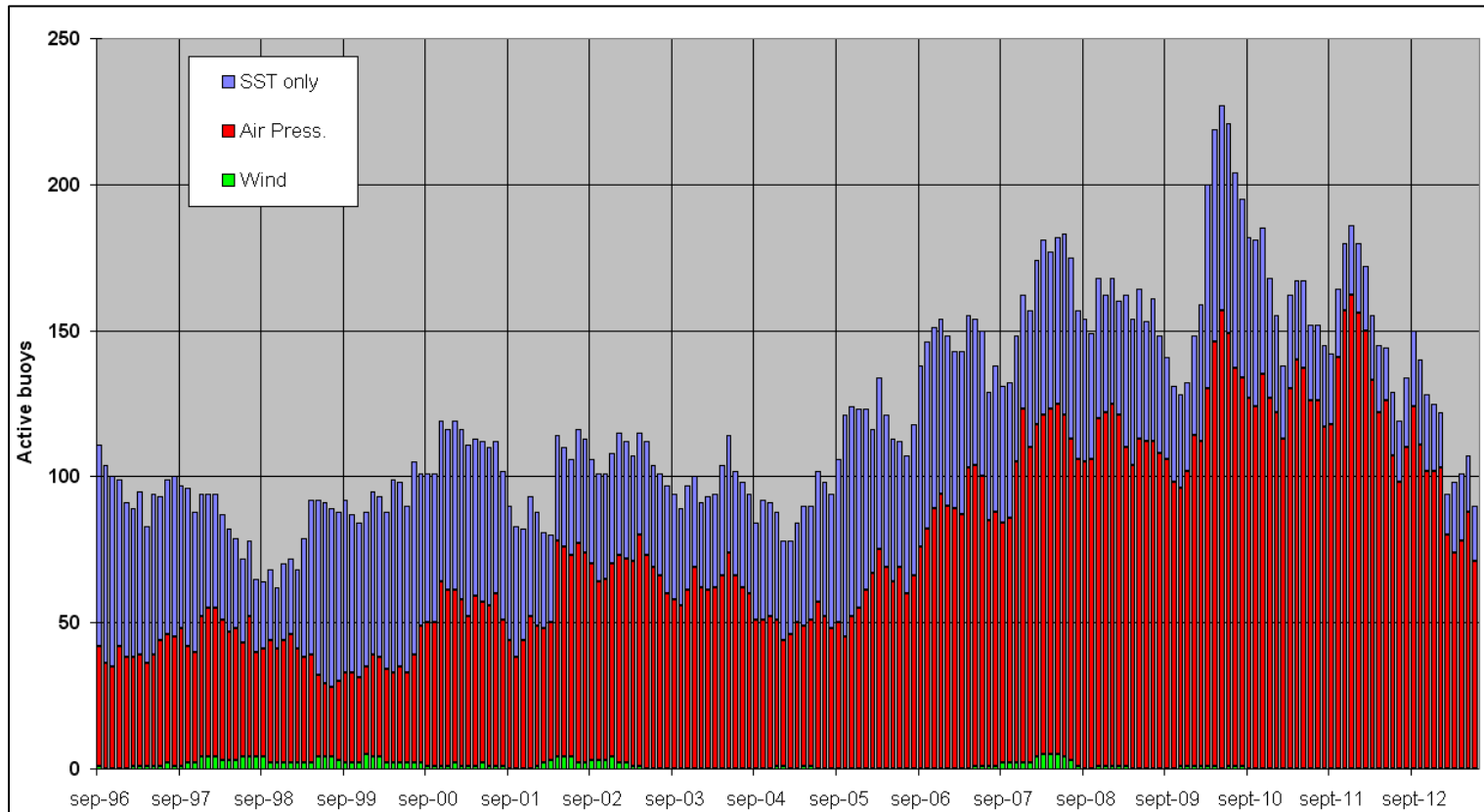
AGENCY	OWN PROGRAM					FOR GDP			TOTAL
	Moored	Other	SVP	SVP-B	SVP-BW	UPG	SVP	SVP-B	
GDC	0	0	20	60	0				80
ABOM	0	0	0	20	0	8	0	54	82
MF	0	0	0	0	0	40	0	0	40
NAVO	0	0	0	0	0	0	0	0	0
NIO	0	0	0	40	0	0	0	0	40
NIOT	16	0	0	0	0	0	0	0	16
SAWS	0	0	0	8	0	0	0	15	23
EMU	0	0	0	0	0	0	0	0	0
KMD	0	0	0	0	0	0	0	0	0
TIP	34	0	0	0	0	0	0	0	34
INCOIS	0	0	0	0	0	0	0	0	0
MMD	0	0	0	0	0	0	0	0	0
TOTAL	50	0	20	128	0	48	0	69	315

SUMMARY	
Moored	50
Other	0
SVP	20
SVP-B	245
SVP-BW	0
315	

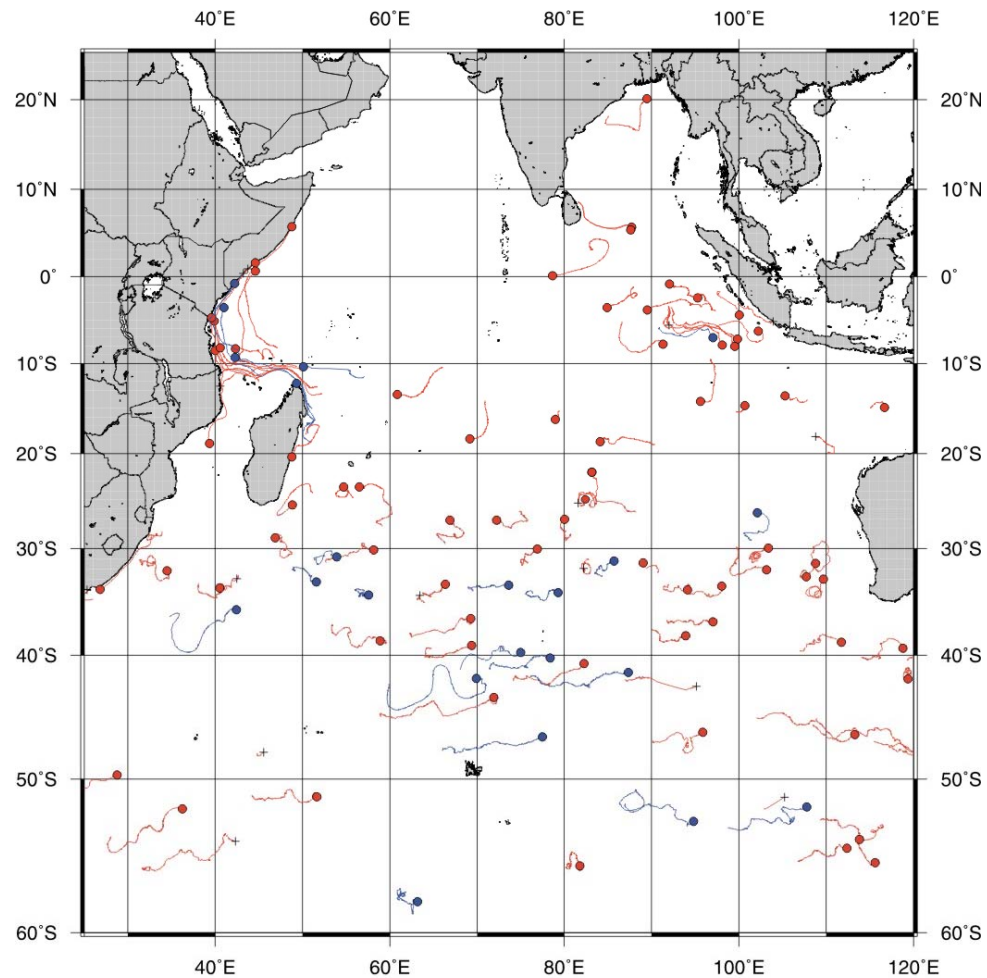
84 Iridium



DB Network



DB Trajectories



June 2013

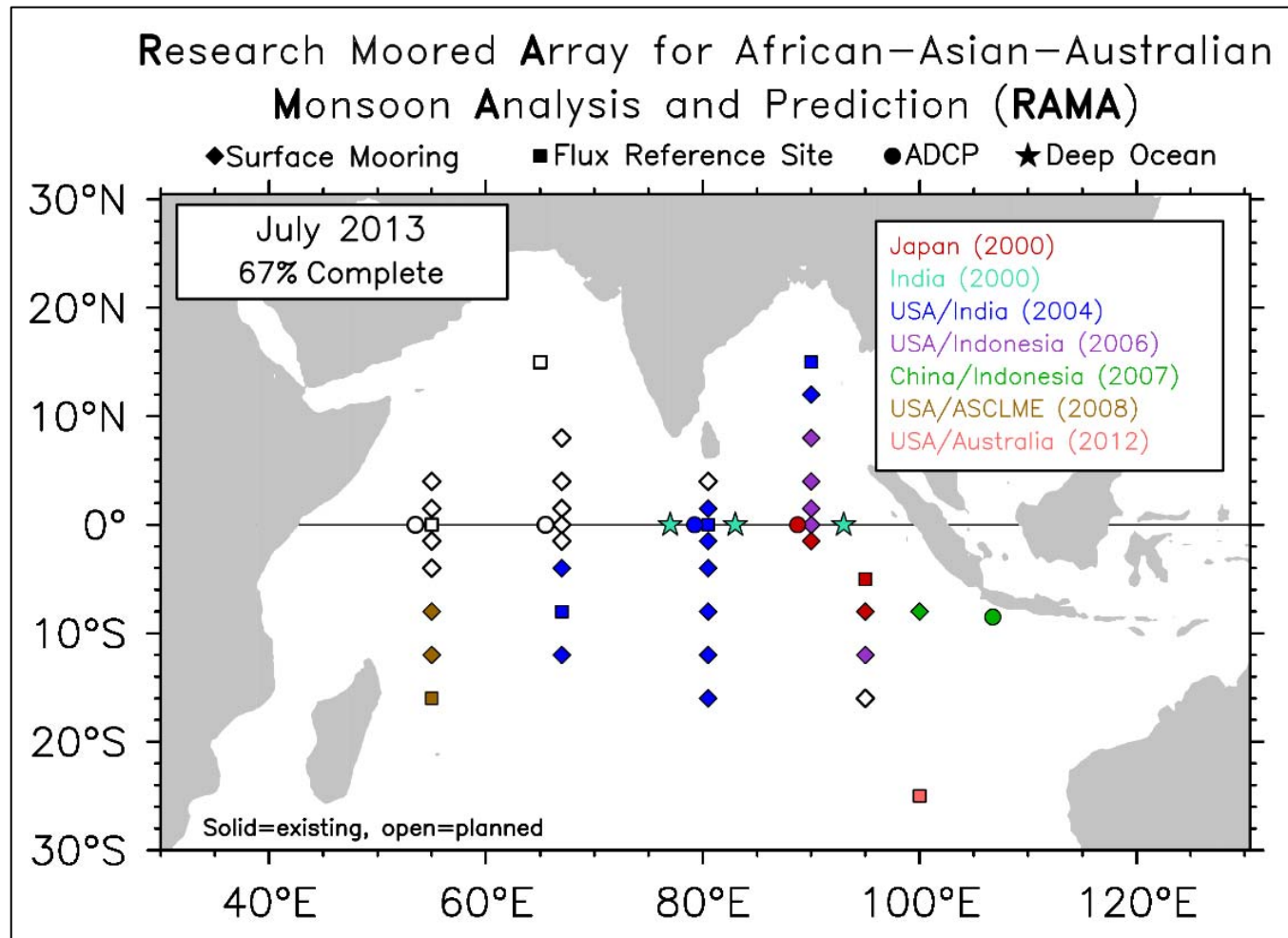
- Air Pressure
- SST only

NIOT MB Network





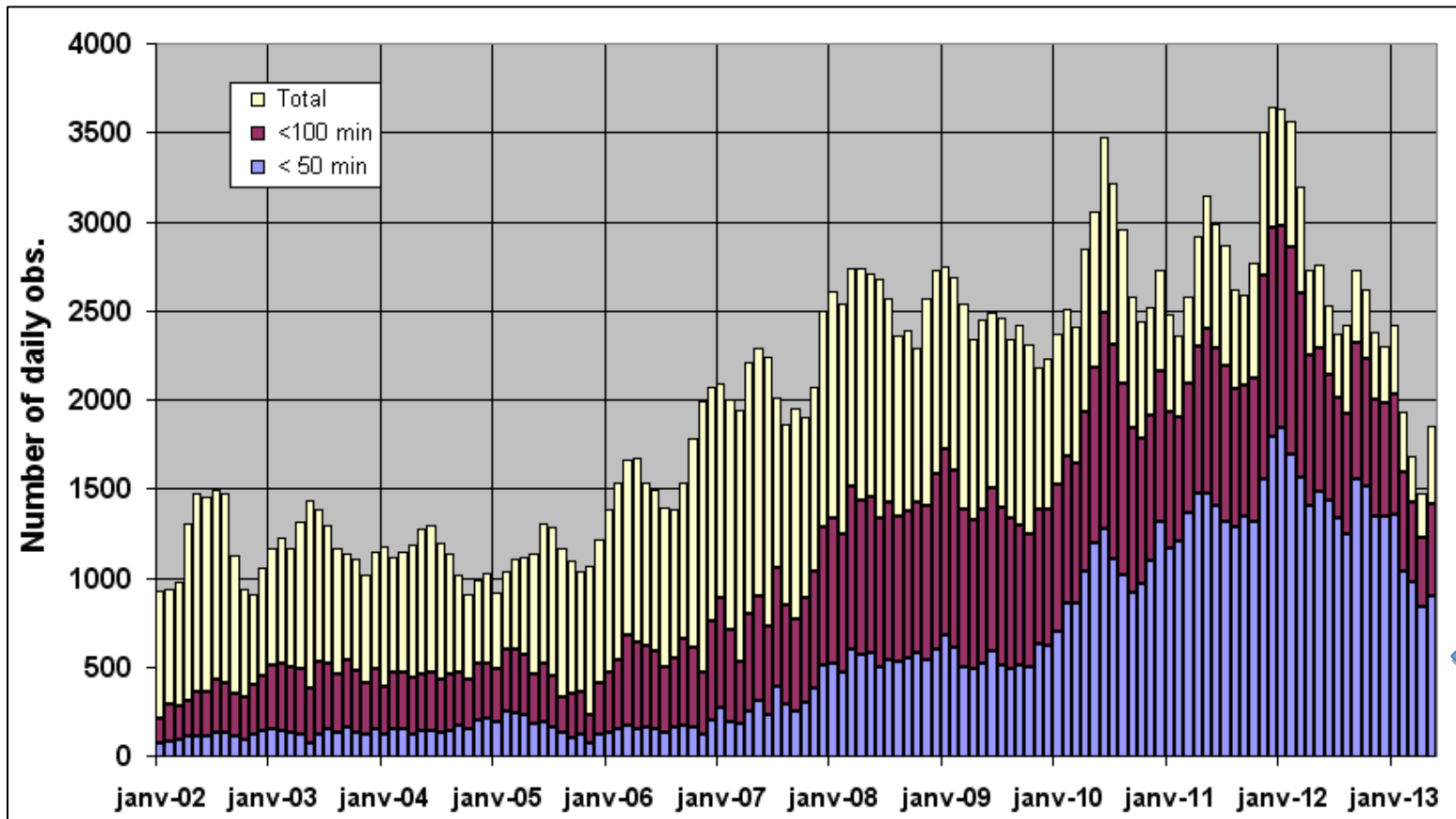
RAMA Array



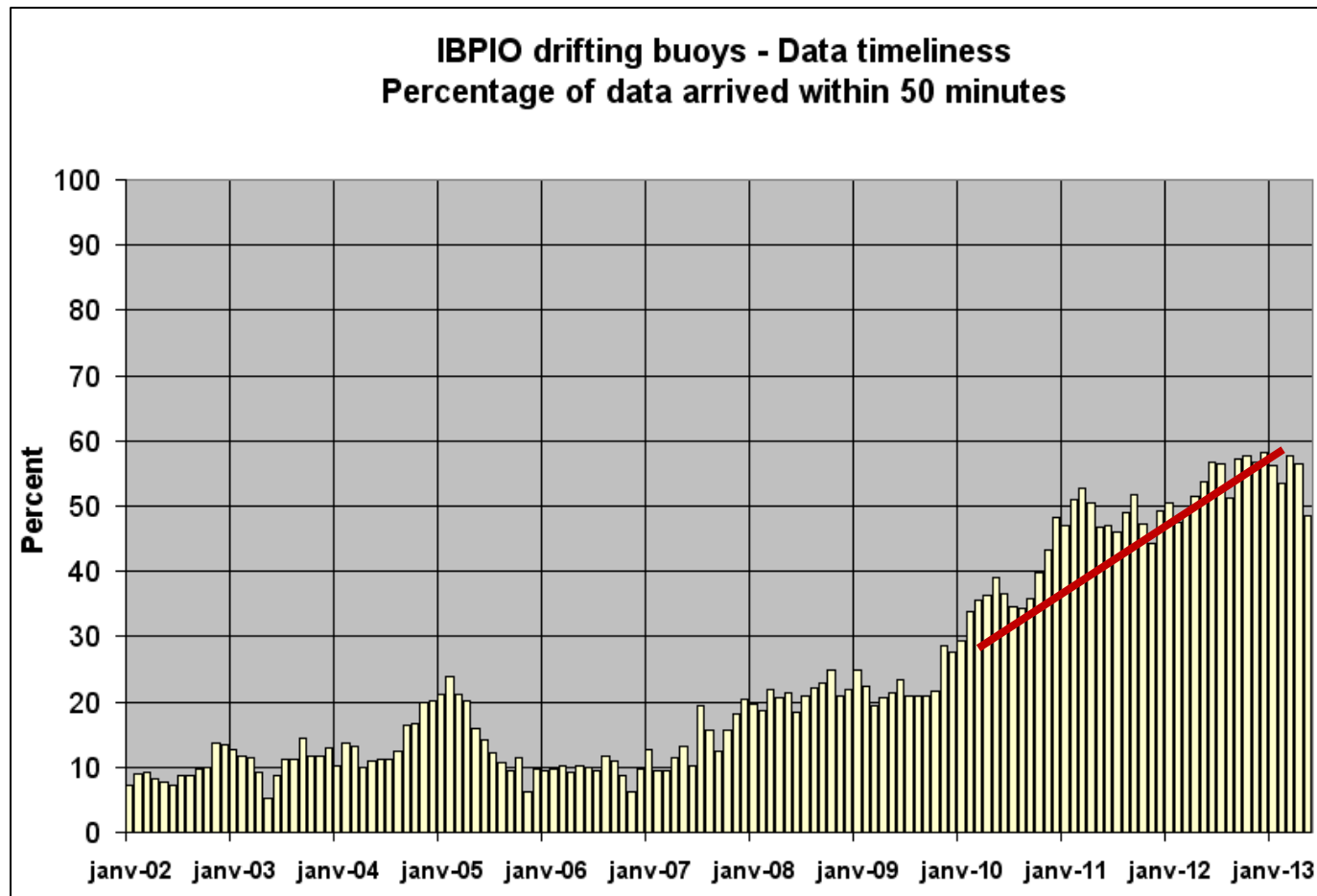




DB Data Availability

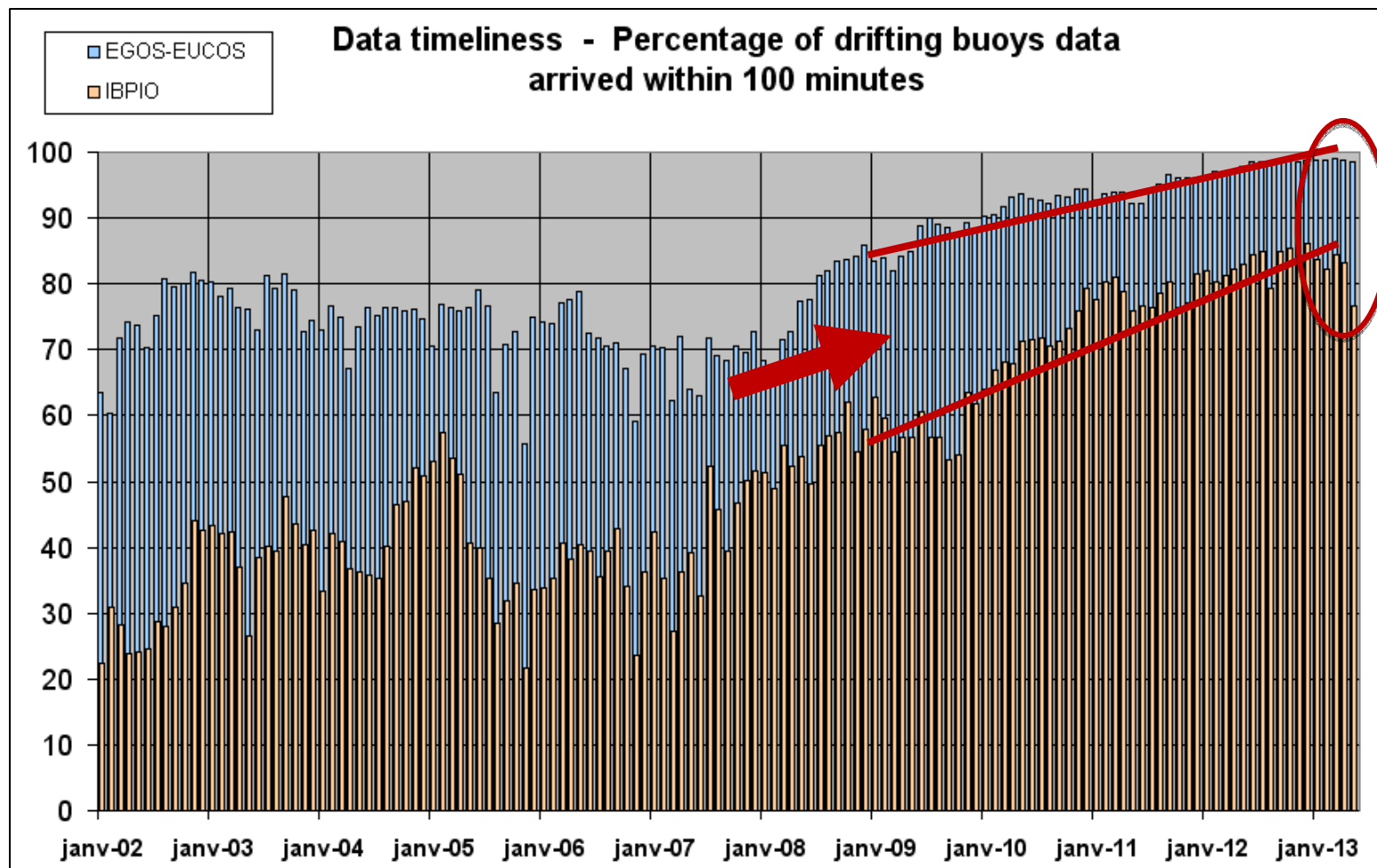


DB Data Timeliness

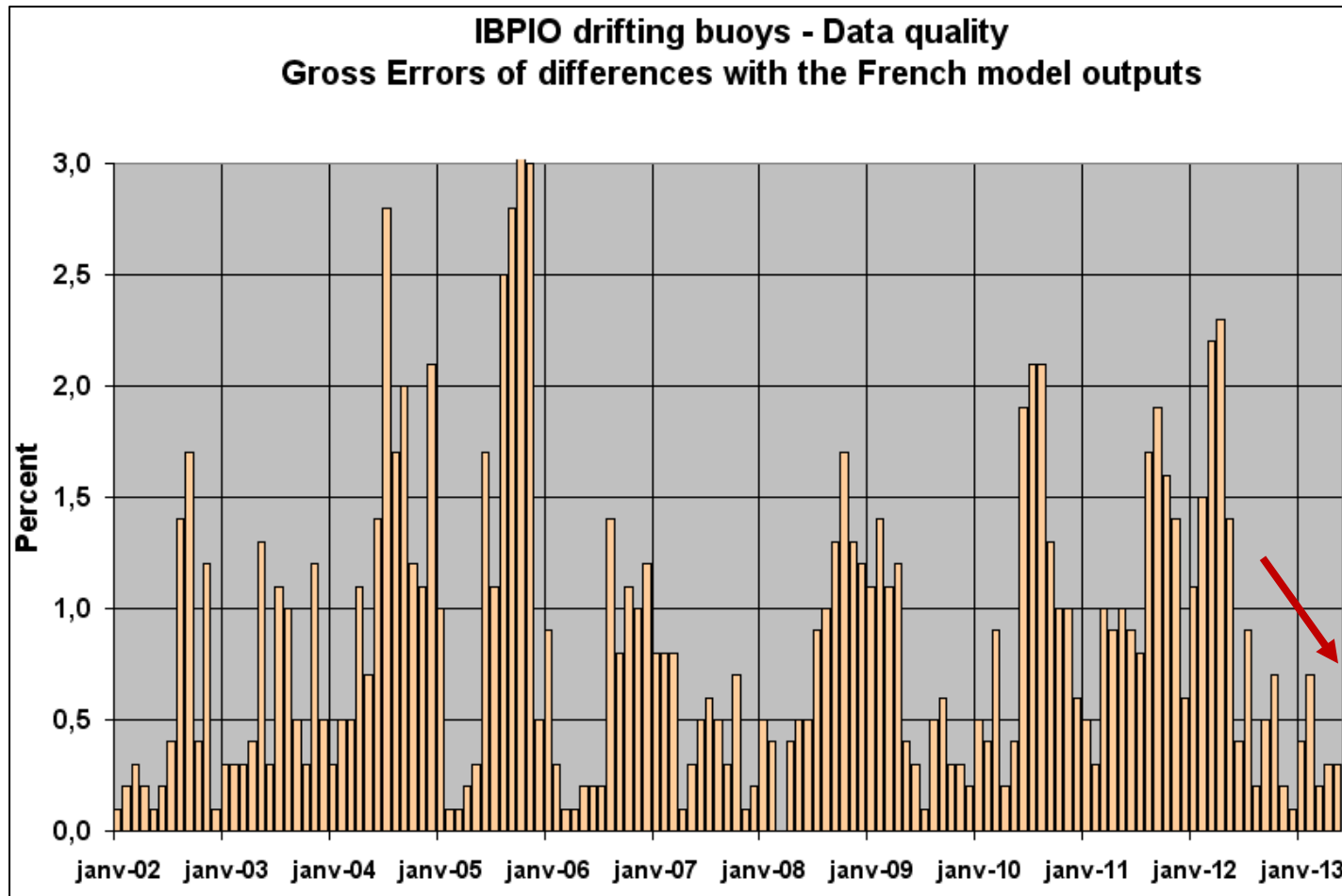




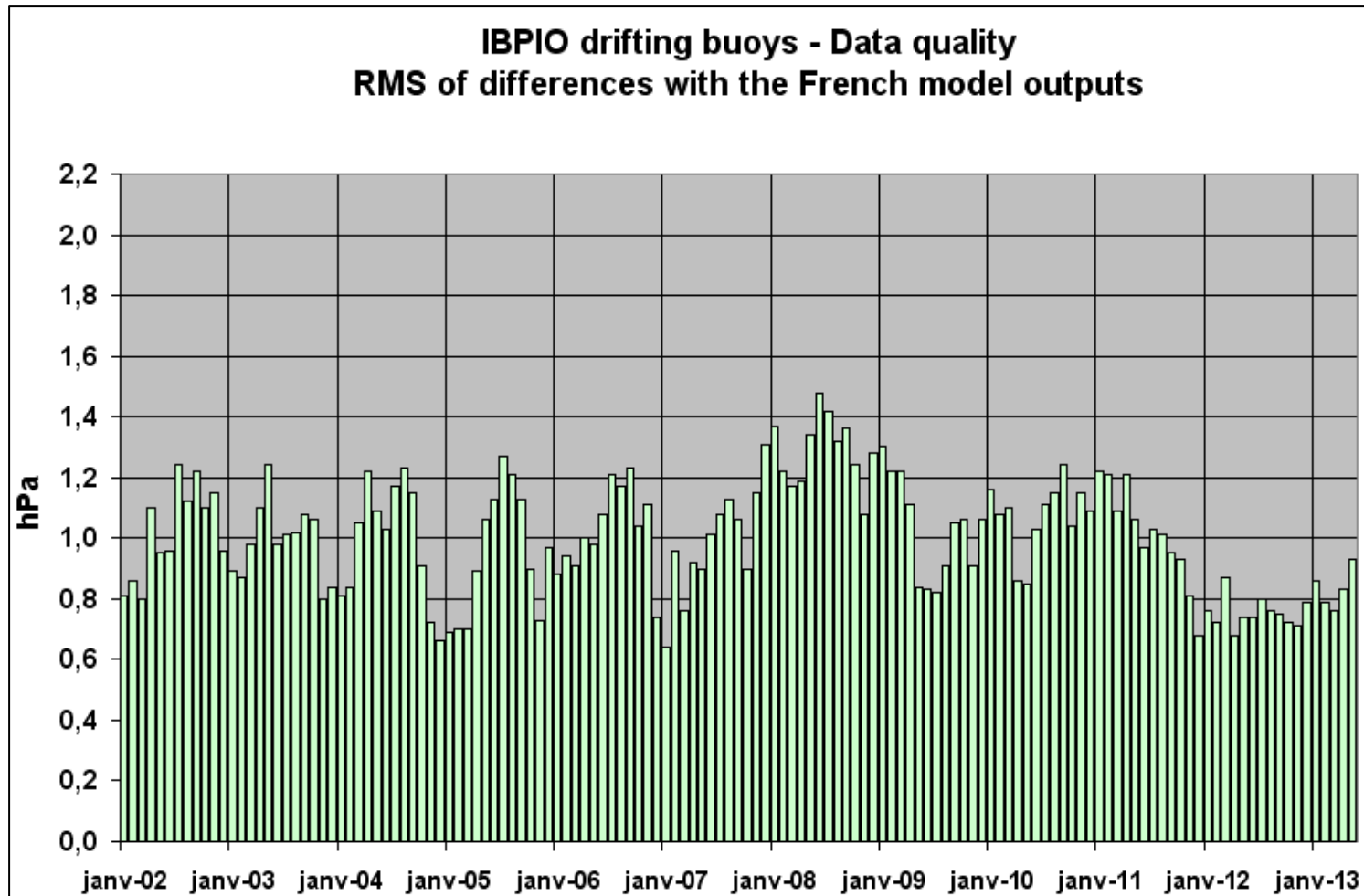
DB Data Timeliness Comparison



DB Gross Errors

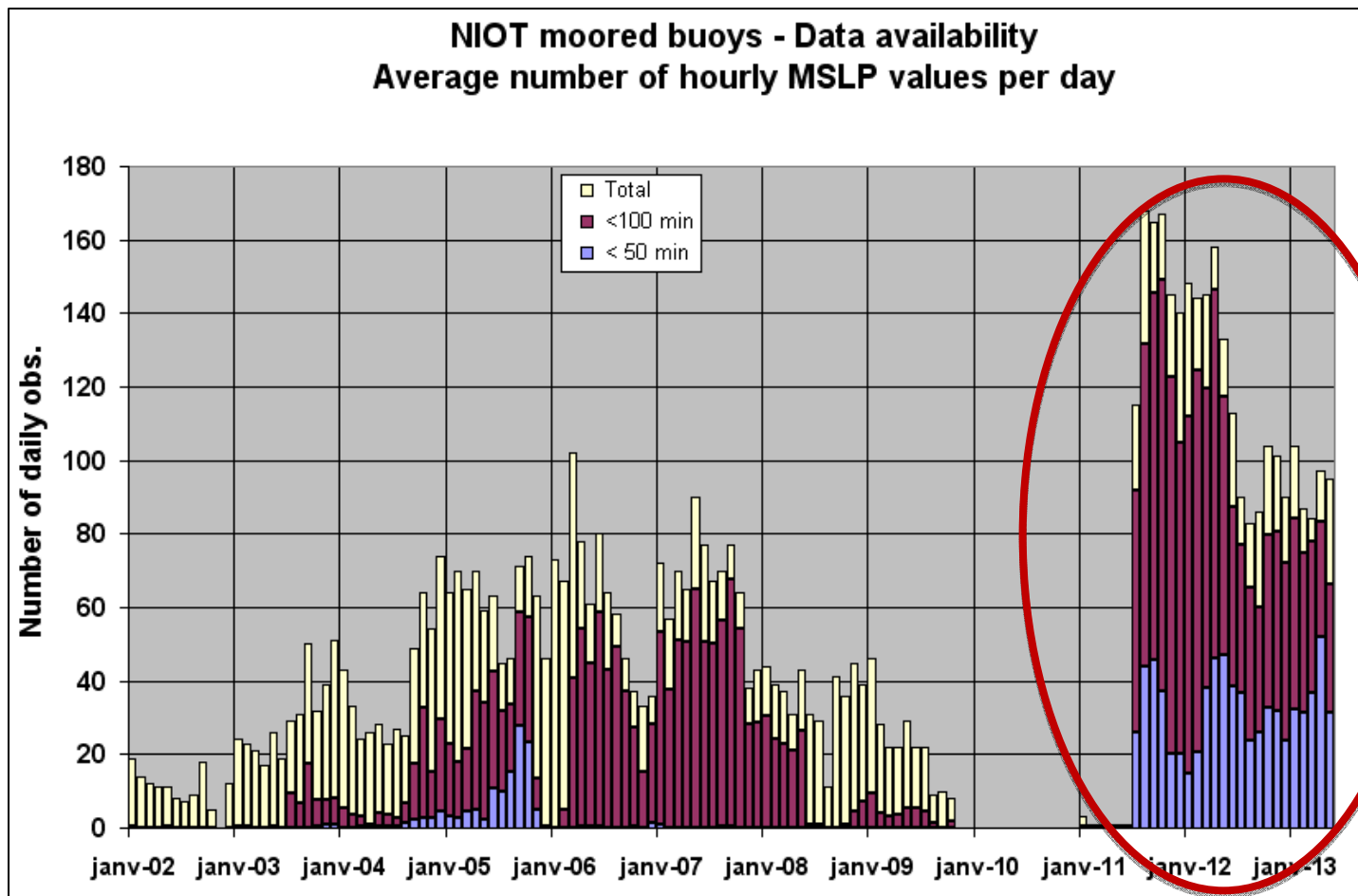


DB MSLP RMS Errors





NIOT MB Data Timeliness







Participants in the IBPIO

AGENCY		JOINED
Australian Bureau of Meteorology	(ABOM)	1997
Global Drifter Center, NOAA/AOML, USA	(GDC)	1997
Météo France	(MF)	1997
National Institute of Oceanography, India	(NIO)	1997
South African Weather Service	(SAWS)	1997
National Institute of Ocean Technology, India	(NIOT)	2001
Navoceano, USA	(NAVO)	2001
Eduardo Mondlane University, Mozambique	(EMU)	2007
Tropical Moored Buoy Implementation Panel	(TIP)	2007
Kenya Meteorological Department	(KMD)	2008
Indian National Centre for Ocean Information Services	(INCOIS)	2008
Malaysian Meteorological Department	(MMD)	EOI
Mauritius Meteorological Service	(MMS)	EOI



IBPIO Programme Meetings

Session	Date	Location	With
IBPIO-1	Sept 1996	St Denis, La Reunion	
IBPIO-2	July 1997	Perth, Australia	
IBPIO-3	July 1998	Kuala Lumpur, Malaysia	
IBPIO-4	July 1999	Cape Town, South Africa	
IBPIO-5	Oct 2001	Perth, Australia	DBCP-17
IBPIO-6	July 2002	Cape Town, South Africa	ISABP-IX
IBPIO-7	Oct 2004	Chennai, India	DBCP-20
IBPIO-8	Oct 2005	Buenos Aires, Argentina	DBCP-21
IBPIO-9	Oct 2006	La Jolla, USA	DBCP-22
IBPIO-10	Oct 2007	Jeju, Republic of Korea	DBCP-23
IBPIO-11	Oct 2008	Cape Town, Republic of South Africa	DBCP-24
IBPIO-12	Sept 2009	Paris, France	DBCP-25
IBPIO-13	Sept 2010	Oban, Scotland	DBCP-26
IBPIO-14	Sept 2011	Geneva, Switzerland	DBCP-27
IBPIO-15	Oct 2012	Fremantle, Australia	DBCP-28
IBPIO-16	Sept 2013	Paris, France	DBCP-29



IBPIO Programme Committee



Chairman	Graeme Ball	Australian Bureau of Meteorology
Vice Chairman	Shaun Dolk	Global Drifter Center, NOAA/AOML, USA
Programme Coordinator	Jean Rolland & Gilbert Emzivat	Météo France
Members	Sanjie du Toit	South African Weather Service
	Mayra Pazos	Global Drifter Center, NOAA/AOML, USA
	R. Venkatesan	National Institute of Ocean Technology, India
	Paul Freitag	Tropical Moored Buoy Implementation Panel
	M. Ravichandran	Indian National Centre for Ocean Information Services

IBPIO Website



**International Buoy Programme
for the Indian Ocean**

An Action Group of the
Data Buoy Cooperation Panel (DBCP)

Why ?
[Programme Objectives](#)

Who ?
[Programme Management](#)

Who ?
[Participants](#)

Operations
[Operations](#)

News
[News](#)

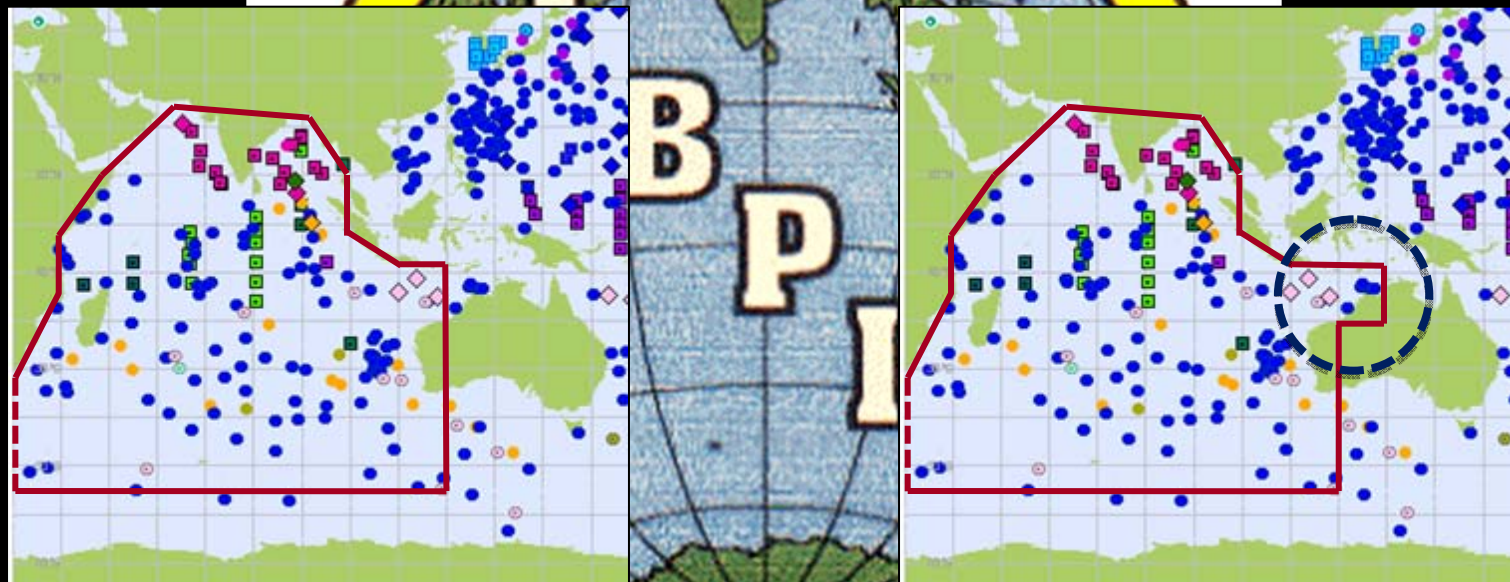
Contacts
[Contacts](#)

Links
[Links](#)

<http://www.meteo.shom.fr/ibpio/>



the eastern boundary of the IBPIO area of responsibility for Australia from 120E to 130E.



Current IBPIO area

Proposed IBPIO area

